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BRACEWELL & PATTERSON, LLP JAMES E. BRADLEY P.O. BOX 61389 HOUSTON, TX 77208



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/03/2002

REEL/FRAME: 012420/0563

NUMBER OF PAGES: 4

BRIEF:

CORRECTIVE ASSIGNMENT TO CORRECT THE NAME OF THE ASSIGNOR. FILED ON JANUARY 16, 2001, RECORDED ON REEL 11464 FRAME 0766 ASSIGNOR HEREBY CONFIRMS THE ASSIGNMENT OF THE ENTIRE INTEREST.

ASSIGNOR:

SCHMIDT, RONALD P.

DOC DATE: 01/11/2001

**ASSIGNEE:** 

LOCKHEED MARTIN CORPORATION 6801 ROCKLEDGE DRIVE BETHESDA, MARYLAND 20817

SERIAL NUMBER: 09761301

PATENT NUMBER:

FILING DATE: 01/16/2001

ISSUE DATE:

JACQUELINE MOORE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

Received Bracewell & Patterson, L.L.P. MAR 0.7 2002

Docket By.

Action. Due Date

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| (Rev. 6-93<br>OMB No. 0 | 0651-0011 (<br>1994-97 Le | (exp.4/94)        |
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Docket No.: TA-00414

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

| POS/REVOZ  |   |  |  |  |
|--|---|--|--|--|
| Tab settings → → → 1019376:  |   |  |  |  |
| To the Honorable Commissioner of Patents and Trademarks: Pleas record the attached original documents or copy thereof.   |   |  |  |  |
| Name of conveying party(ies):     Ronald P. Schmidt  | 2. Name and address of receiving party(ies):  |  |  |  |
| 1.3.03   | Name: Lockheed Martin Corporation   |  |  |  |
| •  | Internal Address: JAN 3 2002  |  |  |  |
| Additional names(s) of conveying party(ies)  |   |  |  |  |
| 3. Nature of conveyance:   |   |  |  |  |
| ☐ Assignment ☐ Merger  | Street Address: 6801 Rockledge Drive  |  |  |  |
| ☐ Security Agreement ☐ Change of Name  |   |  |  |  |
| Other To Correct Recordation of Assignment Document Recorded at Reel 011464/0766   | City: Bethesda State: MD ZIP: 20817   |  |  |  |
| Execution Date: 01/11/01   | Additional name(s) & address(es) attached?   Yes  No                                      |  |  |  |
| <ul> <li>4. Application number(s) or registration numbers(s):</li> <li>If this document is being filed together with a new application,</li> <li>A. Patent Application No.(s)</li> <li>09/761,301 filed</li> <li>01/16/01</li> </ul> | the execution date of the application is: 01/16/01  B. Patent No.(s)                      |  |  |  |
| Additional numbers attached?   Yes  No   |   |  |  |  |
| Name and address of party to whom correspondence concerning document should be mailed:   | 6. Total number of applications and patents involved:                                     |  |  |  |
| Name: James E. Bradley   | 7. Total fee (37 CFR 3.41):\$ 40.00   |  |  |  |
| Internal Address: Bracewell & Patterson, LLP   | ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account |  |  |  |
| P. O. Box 61389  | Greated of debited to deposit decount   |  |  |  |
| <u> </u>   | ☐ Authorized to be charged to deposit account   |  |  |  |
| Street Address:  | 8. Deposit account number:  |  |  |  |
|  | 50-0259   |  |  |  |
| City: Houston State: TX ZIP: 77208   |   |  |  |  |
| 1/09/2002 LHUELLER 00000075 09761301 DO NOT USE THIS SPACE   |   |  |  |  |

Michael Alford Name of Person Signing

9. Statement and signature.

of the original document.

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy

| Form PTO-1595 7/1/2 101600  | Attorney Docket No.: LOCK1800-   |
|---|--|
| To the Honorable Contemporate for Patents and Traden thereof.   | narks: Please record the attached original documents or copy   |
| 1. Name of Conveying party(ies):  Robert P. Schmidt 171 Remuda Court West Fort Worth, Texas 76108  Citizenship: United States of America  Additional name(s) of conveying party(ies) attached? YesX_ No  3. Nature of conveyance: | 2. Name and address of receiving Party(les):  Name: Lockheed Martin Corporation 6801 Rockledge Drive Bethesda, MD 20817  State of Incorporation: Maryland  Additional name(s) & address(es) attached?  Yes _X No                               |
| If this document is being filed together with a new applica   | of name 1761301 tion, the execution date of the application is: January 16, 2001   |
| A. Patent Application No.(s)  | B. Patent No.(s)   |
| Additional numbers  5. Name and address of party to whom correspondence concerning document should be mailed:  Name Customer No. 25094  GRAY CARY WARE A FREIDENRICH LLP  100 Congress Avenue, Suite 1440  Austin, Texas 78701    | <ol> <li>Total number of Applications and patents involved: _1</li> <li>Total fee (37 CFR 3.41)\$ 40.00</li> <li>_X_ Enclosed</li> <li>Authorized to charge the recordation fee or any underpayment to deposit account No. 50-0456.</li> </ol> |
| 1/31/2001 DRYRNF 00000026 09761301<br>1 F0:581 40.00 GP DO NO   | A duplicate copy of this page is attached.  T USE THIS SPACE   |
| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing in and any attached copy is a true copy of the original doctor.  Robert A. McLauchlan Registration No. 44,924                                  | nformation is true and correct<br>ument.  I-I(o-()   Date  |

1

## **ASSIGNMENT**

This Assignment is made by **Ronald P. Schmidt** of Fort Worth, Texas ("Assignor").

WHEREAS, Assignor has invented a new and useful invention entitled

System and Method of Forming Structural Assemblies with 3-D Woven Joint Pre
Forms, for which an application for United States Letters Patent is made, said application having been filed with the U.S. Patent and Trademark Office on January 16, 2001; and

WHEREAS, Assignor believes himself to be an original inventor of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said inventions in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor sells, assigns, and transfers to LOCKHEED MARTIN CORPORATION (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignor agrees that, upon request and without further compensation, but at no exists and assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted herein.

2

Assignor authorizes and requests the Assistant Commissioner for Patents of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date provided below.

Full name of sole inventor:

Inventor's signature:

Date:

Residence (City, County, State)

Citizenship:

Post Office Address:

Ronald P. Schmidt

January 11, 2001

Fort Worth, Parker, Texas

**United States of America** 

171 Remuda Court West Fort Worth, Texas 76108





APRIL 10, 2001 GRAYCARY

PTAS

GRAY CARY ET AL ROBERT A. MCLAUCHLAN 100 CONGRESS AVENUE, SUITE 1440 AUSTIN, TX 78701



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



101600153A\*

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RECORDATION DATE: 01/16/2001

REEL/FRAME: 011464/0766

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SCHMIDT, ROBERT P.

DOC DATE: 01/11/2001

ASSIGNEE:

RONALD

LOCKHEED MARTIN CORPORATION 6801 ROCKLEDGE DRIVE BETHESDA, MARYLAND 20817

SERIAL NUMBER: 09761301

PATENT ' MBER:

FILING DATE: 01/16/2001

ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



GRAY CARY ET AL ROBERT A. MCLAUCHLAN

AUSTIN, TX 78701

**PTAS** 100 CONGRESS AVENUE, SUITE 1440.

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



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SCHMIDT, ROBERT P.

DOC DATE: 01/11/2001

ASSIGNEE:

LOCKHEED MARTIN CORPORATION 6801 ROCKLEDGE DRIVE BETHESDA, MARYLAND 20817

SERIAL NUMBER: 09761301

PATENT ' MBER:

FILING DATE: 01/16/2001

ISSUE DATE:

STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

| 01-09-2  | Docket No.: TA-00414  |
|--|---|
| FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/54) Copyright 1994-97 LegalStar POS/RE/V02                                 | HEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  |
| Tab settings → → → ▼ 10193/6   |   |
| To the Honorable Commission Patents and Trademarks:  | Please record the attached original documents or copy thereof.  |
| 1. Name of conveying party(ies): Ronald P. Schmidt   | 2. Name and address of receiving party(ies):  Name: Lockheed Martin Corporation  Internal Address: JAN 3 2002 |
| Additional names(s) of conveying party(les)  |   |
| 3. Nature of conveyance:   |   |
| ☐ Assignment ☐ Merger  | Street Address: 6801 Rockledge Drive  |
| ☐ Security Agreement ☐ Change of Name  |   |
| Other To Correct Recordation of Assignment Document Recorded at Reel 011464/0766   | City: Bethesda State: MD ZIP: 20817   |
| Execution Date: 01/11/01   | Additional name(s) & address(es) attached?   Yes   No   |
| If this document is being filed together with a new application  A. Patent Application No.(s)  09/761,301 filed  01/16/01                | the execution date of the application is: 01/16/01  B. Patent No.(s)  |
| Additional numbers attac   | hed? 🗋 Yes 🔀 No   |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  | 6. Total number of applications and patents involved:   |
| Name: James E. Bradley   | 7. Total fee (37 CFR 3.41):\$ 40.00   |
| Internal Address: Bracewell & Patterson, LLP P. O. Box 61389   | Enclosed - Any excess or insufficiency should be credited or debited to deposit account                       |
|  | ☐ Authorized to be charged to deposit account   |
| Street Address:  | 8. Deposit account number:  |
| ^  | 50-0259   |
| City: Houston State: TX ZIP: 77208   |   |
| L/09/2002 LHUELLER 00000075 09761301 DO NOT  | USE THIS SPACE  |
| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing information of the original document.  Michael Alford | ation is true and correct and any attached copy is a true copy  |
| Name of Person Signing   | Signature   |

| 101 PF 01 31 -  | 200   |  |  |  |
|---|---|--|--|--|
| Form PTO-1595 JUN 2 4 2003 10 1600  | Attorney Docket No.: LOCK1800-1   |  |  |  |
| To the Honorable Constitutioner for Patents and Trademarks: Please record the attached original documents or copy thereof.  |   |  |  |  |
| Name of Conveying party(ies):   | Name and address of receiving Party(ies):   |  |  |  |
| Robert P. Schmidt<br>171 Remuda Court West<br>Fort Worth, Texas 76108   | Name: Lockheed Martin Corporation 6801 Rockledge Drive Bethesda, MD 20817   |  |  |  |
| Citizenship: United States of America   | State of Incorporation: Maryland  |  |  |  |
| Additional name(s) of conveying party(ies) attached? YesX_ No  3. Nature of conveyance:   | Additional name(s) & address(es) attached?  |  |  |  |
|   |   |  |  |  |
| A. Patent Application No.(s)  | B. Patent No.(s)  |  |  |  |
| Additional numbers attached? Yes : ✗ No   |   |  |  |  |
| <ol> <li>Name and address of party to whom<br/>correspondence concerning document should be<br/>mailed:</li> </ol>  | 6. Total number of Applications and patents involved: _1  |  |  |  |
| Name Customer No. 25094 GRAY CARY WARE ▲ FREIDENRICH LLP 100 Congress Avenue, Suite 1440  | 7. Total fee (37 CFR 3.41)\$ 40.00  8. X Enclosed   |  |  |  |
| Austin, Texas 78701   | <ol> <li>Authorized to charge the recordation fee or any<br/>underpayment to deposit account No. <u>50-0456</u>.</li> <li>A duplicate copy of this page is attached.</li> </ol> |  |  |  |
| 581 40.00 (P) DO NOT  |   |  |  |  |
| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. |   |  |  |  |

Total number of pages including cover sheet, attachments, and document: 3

Robert A. McLauchlan Registration No. 44,924 

1

## **ASSIGNMENT**

This Assignment is made by **Ronald P. Schmidt** of Fort Worth, Texas ("Assignor").

WHEREAS, Assignor has invented a new and useful invention entitled

System and Method of Forming Structural Assemblies with 3-D Woven Joint Pre
Forms, for which an application for United States Letters Patent is made, said application having been filed with the U.S. Patent and Trademark Office on January 16, 2001; and

WHEREAS, Assignor believes himself to be an original inventor of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said inventions in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor sells, assigns, and transfers to LOCKHEED MARTIN CORPORATION (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignor agrees that, upon request and without further compensation, but at no expanse to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignor authorizes and requests the Assistant Commissioner for Patents of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date provided below.

Full name of sole inventor:

Inventor's signature:

Date:

Residence (City, County, State)

Citizenship:

Post Office Address:

Ronald P. Schmidt

URANALY 11, 200

Fort Worth, Parker, Texas

United States of America

171 Remuda Court West Fort Worth, Texas 76108





UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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GRAY CARY ET AL ROBERT A. MCLAUCHLAN 100 CONGRESS AVENUE, SUITE 1440 AUSTIN, TX 78701



\*101600153A\*

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RECORDATION DATE: 01/16/2001

REEL/FRAME: 011464/0766

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SCHMIDT, ROBERT P.

DOC DATE: 01/11/2001

ASSIGNEE: RONALD

LOCKHEED MARTIN CORPORATION

6801 ROCKLEDGE DRIVE BETHESDA, MARYLAND 20817

SERIAL NUMBER: 09761301

PATENT ' MBER:

FILING DATE: 01/16/2001

ISSUE DATE:

STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



APRIL 10, 2001 GRAYCARY/

GRAY CARY ET AL
ROBERT A. MCLAUCHLAN
100 CONGRESS AVENUE, SUITE 1440
AUSTIN, TX 78701

UNITED STATE EPARTMENT OF COMMERCE Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



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